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Timestamp: [year=2008; month=4; day=11; hr=9; min=24; sec=29; ms=933;]

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Application No: 10561322 Version No: 1.0

Input Set:

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Started: 2008-03-27 17:07:34.932

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Total Warnings: 0

Total Errors: 0

No. of SeqIDs Defined: 11

Actual SeqID Count: 11

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<110> Genova Ltd.
Bougueleret, Lydie
Niknejad, Anne

<120> SECRETED POLYPEPTIDE SPECIES REDUCED IN CARDIOVASCULAR DISORDERS

<130> 4-33695A/GLT (5028-WO01)

<140> 10561322

<141> 2008-03-27

<150> US 60/484,211

<151> 2003-06-30

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 491

<212> PRT

<213> Homo sapiens

<400> 1

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			20					25						30	

Gln	Arg	Arg	Tyr	Pro	Arg	Ala	Thr	Asp	Gly	Lys	Glu	Glu	Ala	Lys	Lys
			35					40						45	

Cys	Ala	Tyr	Thr	Phe	Leu	Val	Pro	Glu	Gln	Arg	Ile	Thr	Gly	Pro	Ile
	50						55				60				

Cys	Val	Asn	Thr	Lys	Gly	Gln	Asp	Ala	Ser	Thr	Ile	Lys	Asp	Met	Ile
65					70					75					80

Thr	Arg	Met	Asp	Leu	Glu	Asn	Leu	Lys	Asp	Val	Leu	Ser	Arg	Gln	Lys
				85					90						95

Arg	Glu	Ile	Asp	Val	Leu	Gln	Leu	Val	Val	Asp	Val	Asp	Gly	Asn	Ile
				100					105						110

Val	Asn	Glu	Val	Lys	Leu	Leu	Arg	Lys	Glu	Ser	Arg	Asn	Met	Asn	Ser
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115

120

125

Arg Val Thr Gln Leu Tyr Met Gln Leu Leu His Glu Ile Ile Arg Lys
130 135 140

Arg Asp Asn Ser Leu Glu Leu Ser Gln Leu Glu Asn Lys Ile Leu Asn
145 150 155 160

Val Thr Thr Glu Met Leu Lys Met Ala Thr Arg Tyr Arg Glu Leu Glu
165 170 175

Val Lys Tyr Ala Ser Leu Thr Asp Leu Val Asn Asn Gln Ser Val Met
180 185 190

Ile Thr Leu Leu Glu Glu Gln Cys Leu Arg Ile Phe Ser Arg Gln Asp
195 200 205

Thr His Val Ser Pro Pro Leu Val Gln Val Val Pro Gln His Ile Pro
210 215 220

Asn Ser Gln Gln Tyr Thr Pro Gly Leu Leu Gly Gly Asn Glu Ile Gln
225 230 235 240

Arg Asp Pro Gly Tyr Pro Arg Asp Leu Met Pro Pro Pro Asp Leu Ala
245 250 255

Thr Ser Pro Thr Lys Ser Pro Phe Lys Ile Pro Pro Val Thr Phe Ile
260 265 270

Asn Glu Gly Pro Phe Lys Asp Cys Gln Gln Ala Lys Glu Ala Gly His
275 280 285

Ser Val Ser Gly Ile Tyr Met Ile Lys Pro Glu Asn Ser Asn Gly Pro
290 295 300

Met Gln Leu Trp Cys Glu Asn Ser Leu Asp Pro Gly Gly Trp Thr Val
305 310 315 320

Ile Gln Lys Arg Thr Asp Gly Ser Val Asn Phe Phe Arg Asn Trp Glu
325 330 335

Asn Tyr Lys Lys Gly Phe Gly Asn Ile Asp Gly Glu Tyr Trp Leu Gly
340 345 350

Leu Glu Asn Ile Tyr Met Leu Ser Asn Gln Asp Asn Tyr Lys Leu Leu
355 360 365

Ile Glu Leu Glu Asp Trp Ser Asp Lys Lys Val Tyr Ala Glu Tyr Ser
370 375 380

Ser Phe Arg Leu Glu Pro Glu Ser Glu Phe Tyr Arg Leu Arg Leu Gly
385 390 395 400

Thr Tyr Gln Gly Asn Ala Gly Asp Ser Met Met Trp His Asn Gly Lys
405 410 415

Gln Phe Thr Thr Leu Asp Arg Asp Lys Asp Met Tyr Ala Gly Asn Cys
420 425 430

Ala His Phe His Lys Gly Gly Trp Trp Tyr Asn Ala Cys Ala His Ser
435 440 445

Asn Leu Asn Gly Val Trp Tyr Arg Gly Gly His Tyr Arg Ser Lys His
450 455 460

Gln Asp Gly Ile Phe Trp Ala Glu Tyr Arg Gly Gly Ser Tyr Ser Leu
465 470 475 480

Arg Ala Val Gln Met Met Ile Lys Pro Ile Asp
485 490

<210> 2
<211> 468
<212> PRT
<213> Homo sapiens

<400> 2

Gly Gln Phe Lys Ile Lys Lys Ile Asn Gln Arg Arg Tyr Pro Arg Ala
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Thr Asp Gly Lys Glu Glu Ala Lys Lys Cys Ala Tyr Thr Phe Leu Val
20 25 30

Pro Glu Gln Arg Ile Thr Gly Pro Ile Cys Val Asn Thr Lys Gly Gln
35 40 45

Asp Ala Ser Thr Ile Lys Asp Met Ile Thr Arg Met Asp Leu Glu Asn
50 55 60

Leu Lys Asp Val Leu Ser Arg Gln Lys Arg Glu Ile Asp Val Leu Gln
65 70 75 80

Leu Val Val Asp Val Asp Gly Asn Ile Val Asn Glu Val Lys Leu Leu
85 90 95

Arg Lys Glu Ser Arg Asn Met Asn Ser Arg Val Thr Gln Leu Tyr Met
100 105 110

Gln Leu Leu His Glu Ile Ile Arg Lys Arg Asp Asn Ser Leu Glu Leu
115 120 125

Ser Gln Leu Glu Asn Lys Ile Leu Asn Val Thr Thr Glu Met Leu Lys
130 135 140

Met Ala Thr Arg Tyr Arg Glu Leu Glu Val Lys Tyr Ala Ser Leu Thr
145 150 155 160

Asp Leu Val Asn Asn Gln Ser Val Met Ile Thr Leu Leu Glu Glu Gln
165 170 175

Cys Leu Arg Ile Phe Ser Arg Gln Asp Thr His Val Ser Pro Pro Leu
180 185 190

Val Gln Val Val Pro Gln His Ile Pro Asn Ser Gln Gln Tyr Thr Pro
195 200 205

Gly Leu Leu Gly Gly Asn Glu Ile Gln Arg Asp Pro Gly Tyr Pro Arg
210 215 220

Asp Leu Met Pro Pro Pro Asp Leu Ala Thr Ser Pro Thr Lys Ser Pro
225 230 235 240

Phe Lys Ile Pro Pro Val Thr Phe Ile Asn Glu Gly Pro Phe Lys Asp
245 250 255

Cys Gln Gln Ala Lys Glu Ala Gly His Ser Val Ser Gly Ile Tyr Met
260 265 270

Ile Lys Pro Glu Asn Ser Asn Gly Pro Met Gln Leu Trp Cys Glu Asn

275

280

285

Ser Leu Asp Pro Gly Gly Trp Thr Val Ile Gln Lys Arg Thr Asp Gly
 290 295 300

Ser Val Asn Phe Phe Arg Asn Trp Glu Asn Tyr Lys Lys Gly Phe Gly
 305 310 315 320

Asn Ile Asp Gly Glu Tyr Trp Leu Gly Leu Glu Asn Ile Tyr Met Leu
 325 330 335

Ser Asn Gln Asp Asn Tyr Lys Leu Leu Ile Glu Leu Glu Asp Trp Ser
 340 345 350

Asp Lys Lys Val Tyr Ala Glu Tyr Ser Ser Phe Arg Leu Glu Pro Glu
 355 360 365

Ser Glu Phe Tyr Arg Leu Arg Leu Gly Thr Tyr Gln Gly Asn Ala Gly
 370 375 380

Asp Ser Met Met Trp His Asn Gly Lys Gln Phe Thr Thr Leu Asp Arg
 385 390 395 400

Asp Lys Asp Met Tyr Ala Gly Asn Cys Ala His Phe His Lys Gly Gly
 405 410 415

Trp Trp Tyr Asn Ala Cys Ala His Ser Asn Leu Asn Gly Val Trp Tyr
 420 425 430

Arg Gly Gly His Tyr Arg Ser Lys His Gln Asp Gly Ile Phe Trp Ala
 435 440 445

Glu Tyr Arg Gly Gly Ser Tyr Ser Leu Arg Ala Val Gln Met Met Ile
 450 455 460

Lys Pro Ile Asp
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<211> 74

<212> PRT

<213> Homo sapiens

<400> 3

Gly Gln Phe Lys Ile Lys Lys Ile Asn Gln Arg Arg Tyr Pro Arg Ala
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Thr Asp Gly Lys Glu Glu Ala Lys Lys Cys Ala Tyr Thr Phe Leu Val
20 25 30

Pro Glu Gln Arg Ile Thr Gly Pro Ile Cys Val Asn Thr Lys Gly Gln
35 40 45

Asp Ala Ser Thr Ile Lys Asp Met Ile Thr Arg Met Asp Leu Glu Asn
50 55 60

Leu Lys Asp Val Leu Ser Arg Gln Lys Arg
65 70

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<211> 49
<212> PRT
<213> Homo sapiens

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Cys Ala Tyr Thr Phe Leu Val Pro Glu Gln Arg Ile Thr Gly Pro Ile
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Cys Val Asn Thr Lys Gly Gln Asp Ala Ser Thr Ile Lys Asp Met Ile
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Thr Arg Met Asp Leu Glu Asn Leu Lys Asp Val Leu Ser Arg Gln Lys
35 40 45

Arg

<210> 5
<211> 98
<212> PRT
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<400> 5

Gly Gln Phe Lys Ile Lys Lys Ile Asn Gln Arg Arg Tyr Pro Arg Ala
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Thr Asp Gly Lys Glu Glu Ala Lys Lys Cys Ala Tyr Thr Phe Leu Val
20 25 30

Pro Glu Gln Arg Ile Thr Gly Pro Ile Cys Val Asn Thr Lys Gly Gln
35 40 45

Asp Ala Ser Thr Ile Lys Asp Met Ile Thr Arg Met Asp Leu Glu Asn
50 55 60

Leu Lys Asp Val Leu Ser Arg Gln Lys Arg Glu Ile Asp Val Leu Gln
65 70 75 80

Leu Val Val Asp Val Asp Gly Asn Ile Val Asn Glu Val Lys Leu Leu
85 90 95

Arg Lys

<210> 6
<211> 73
<212> PRT
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<400> 6

Cys Ala Tyr Thr Phe Leu Val Pro Glu Gln Arg Ile Thr Gly Pro Ile
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Cys Val Asn Thr Lys Gly Gln Asp Ala Ser Thr Ile Lys Asp Met Ile
20 25 30

Thr Arg Met Asp Leu Glu Asn Leu Lys Asp Val Leu Ser Arg Gln Lys
35 40 45

Arg Glu Ile Asp Val Leu Gln Leu Val Val Asp Val Asp Gly Asn Ile
50 55 60

Val Asn Glu Val Lys Leu Leu Arg Lys
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<210> 7
<211> 21
<212> PRT
<213> Homo sapiens

<400> 7

Cys Ala Tyr Thr Phe Leu Val Pro Glu Gln Arg Ile Thr Gly Pro Ile

1 5 10 15

Cys Val Asn Thr Lys
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<210> 8
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<213> Homo sapiens

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Cys Ala Tyr Thr Phe Leu Val Pro Glu Gln Arg
1 5 10

<210> 9
<211> 10
<212> PRT
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<400> 9

Ile Thr Gly Pro Ile Cys Val Asn Thr Lys
1 5 10

<210> 10
<211> 7
<212> PRT
<213> Homo sapiens

<400> 10

Met Asp Leu Glu Asn Leu Lys
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<210> 11
<211> 21
<212> PRT
<213> Homo sapiens

<400> 11

Arg Glu Ile Asp Val Leu Gln Leu Val Val Asp Val Asp Gly Asn Ile
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Val Asn Glu Val Lys
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